

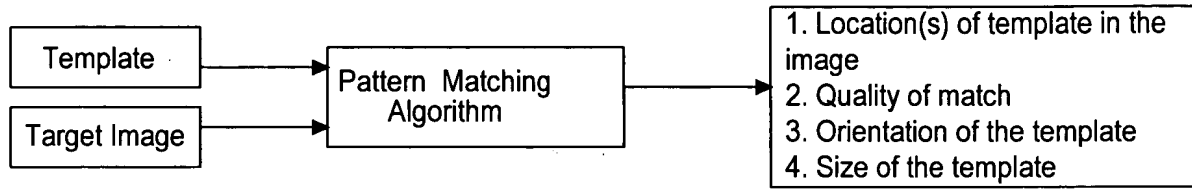
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

[illegible]

Jeffrey C. Hood

Signature

1



PRIOR ART PATTERN MATCHING

FIG. 1

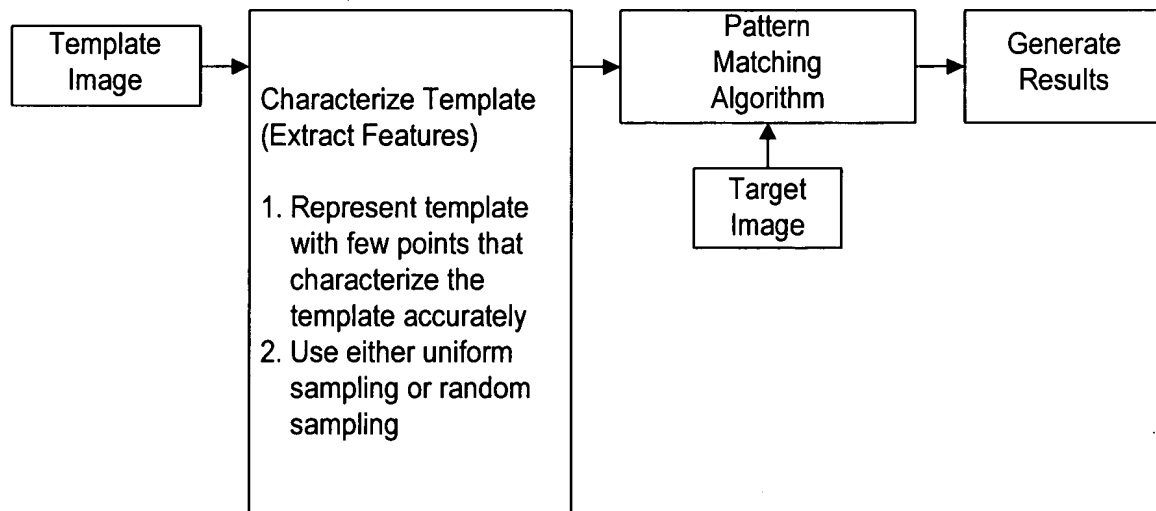
PRIOR ART PATTERN MATCHING WITH
CHARACTERIZATION OF THE TEMPLATE IMAGE

FIG. 2

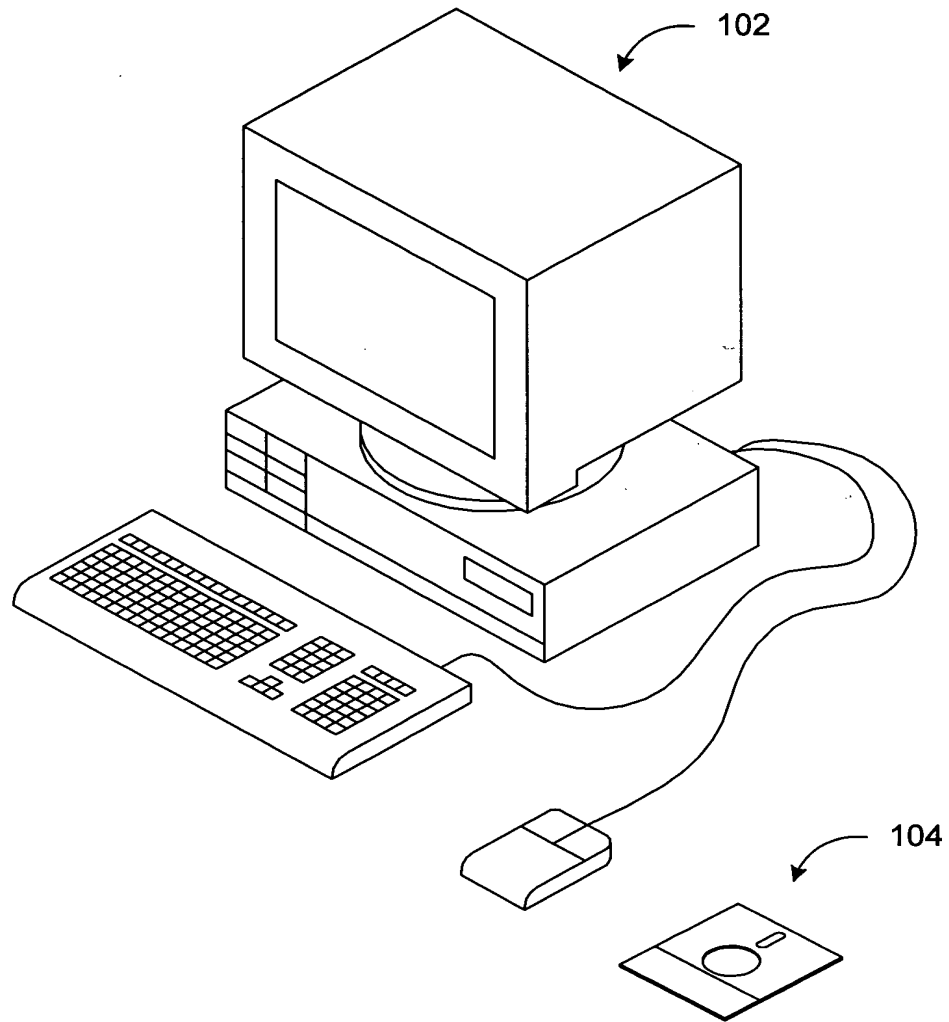


FIG. 3

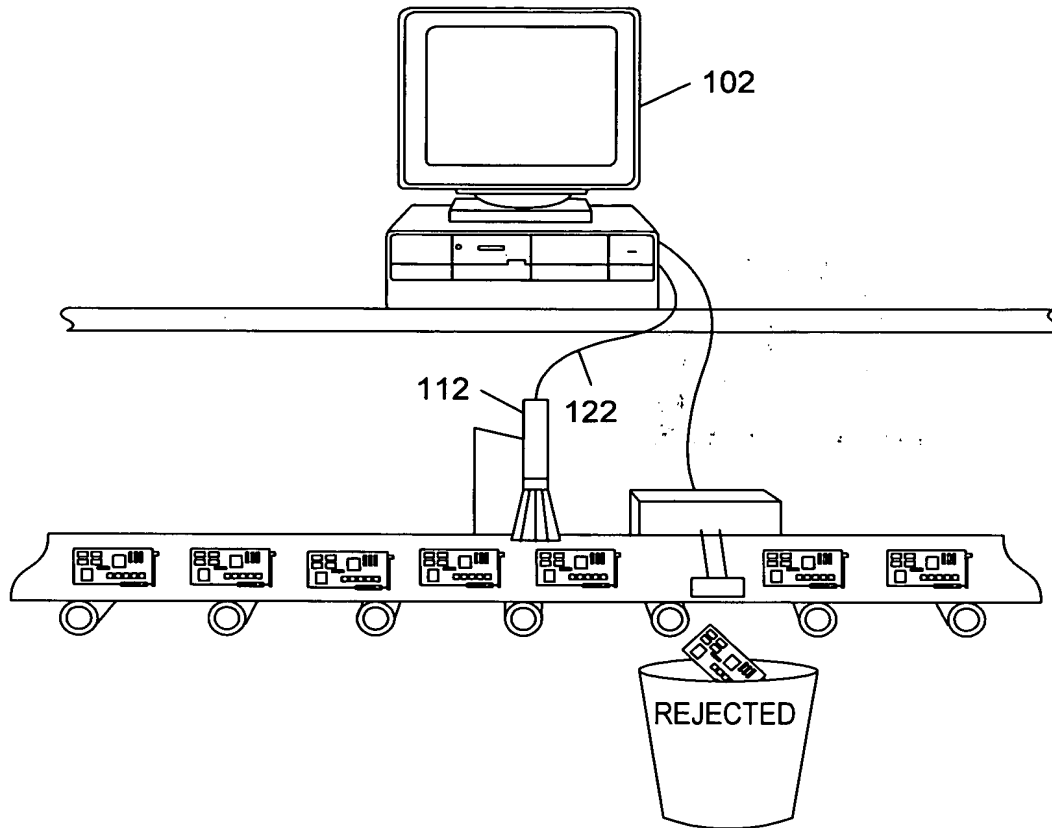


FIG. 4

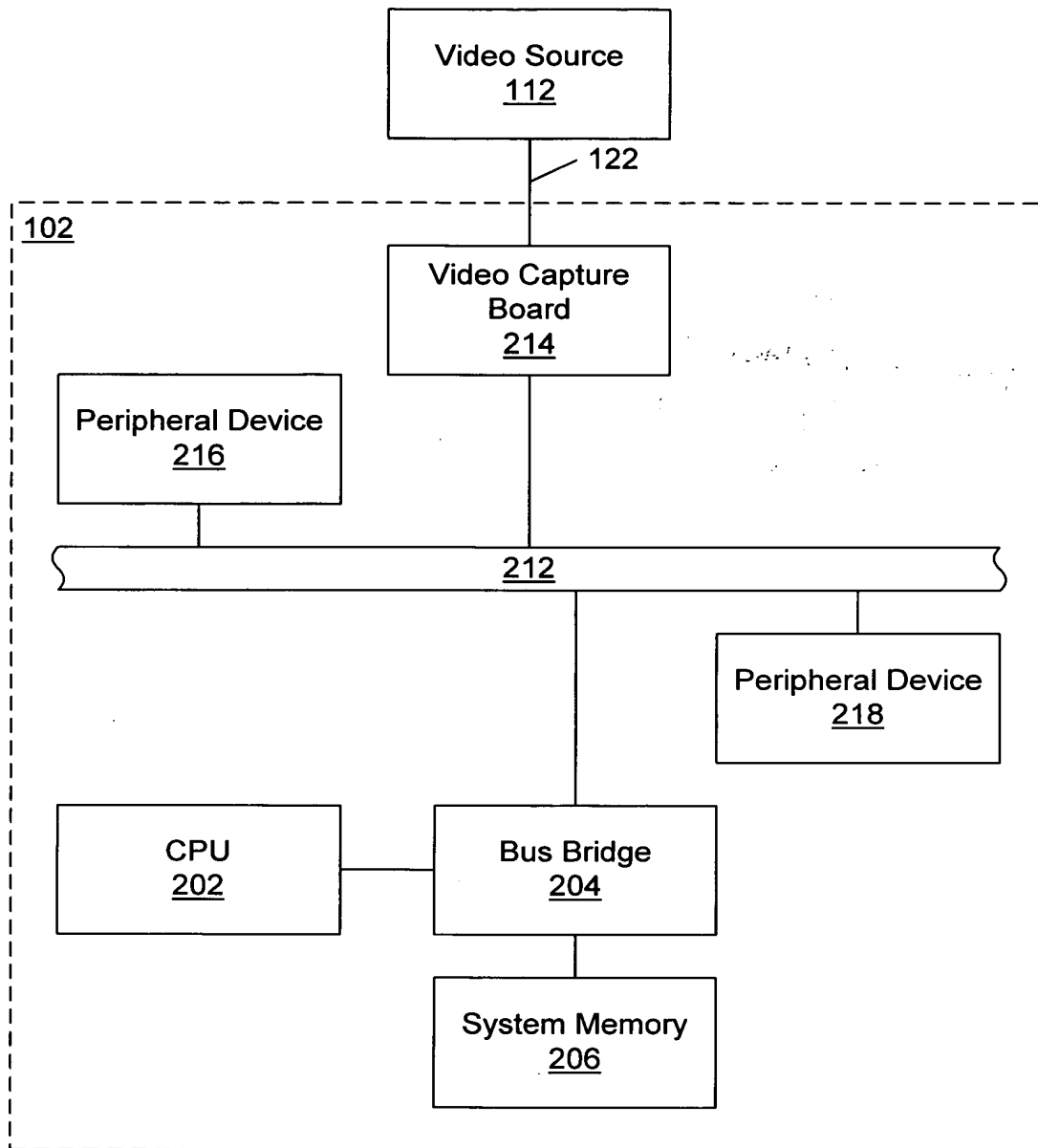


FIG. 5

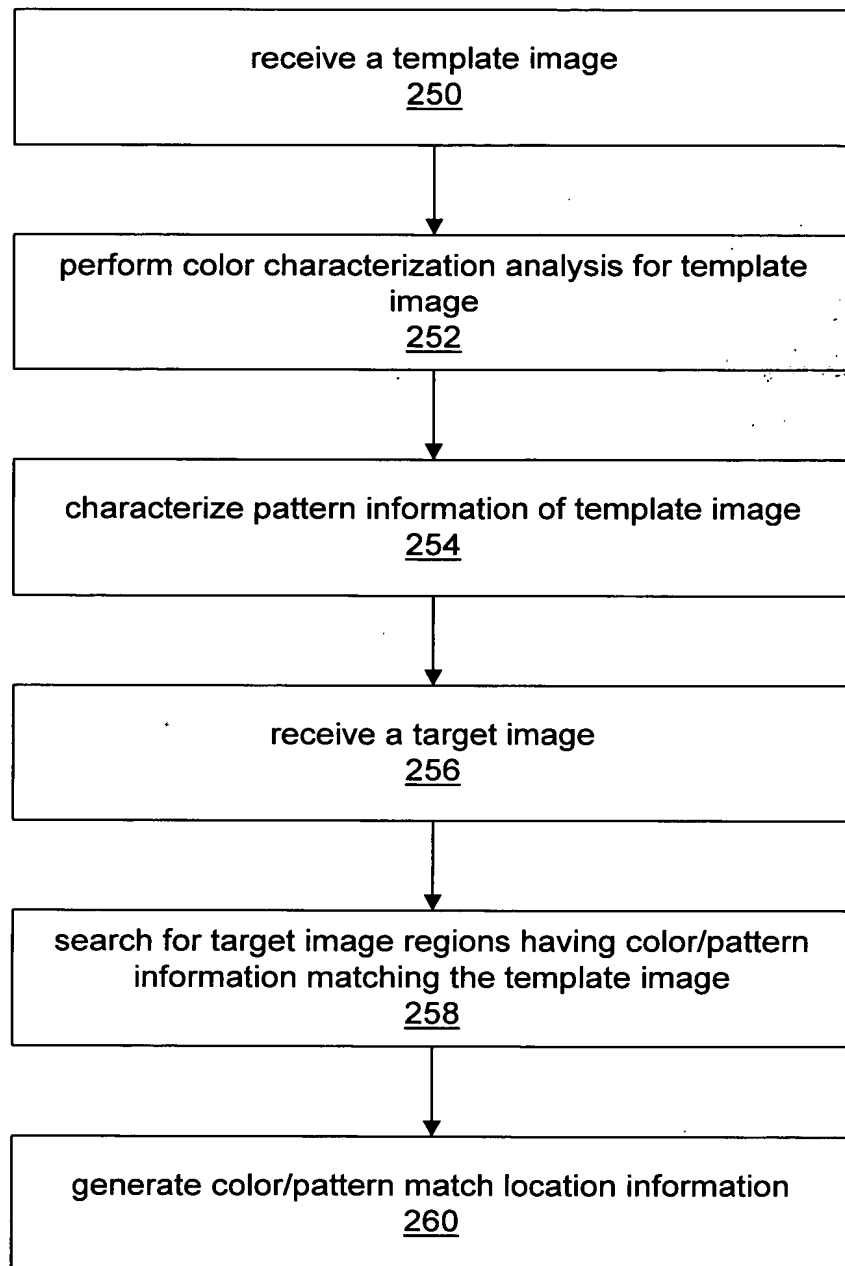


FIG. 6

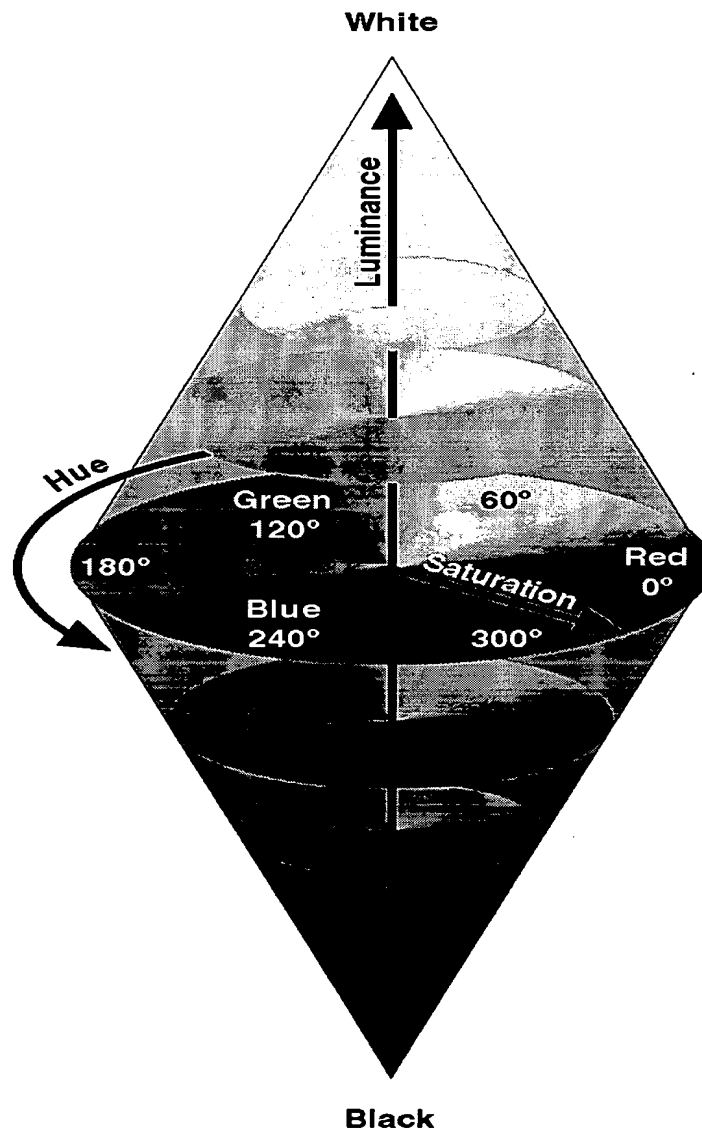


FIG. 7

7/26

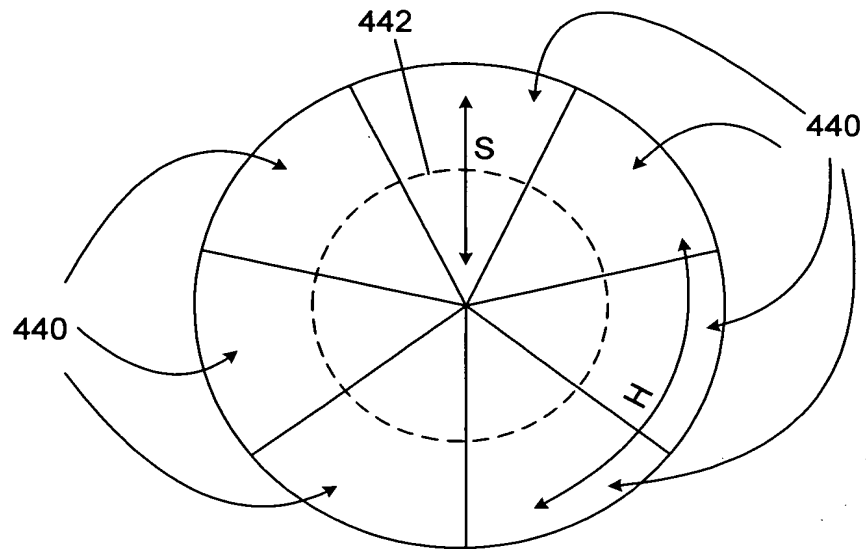


FIG. 8A

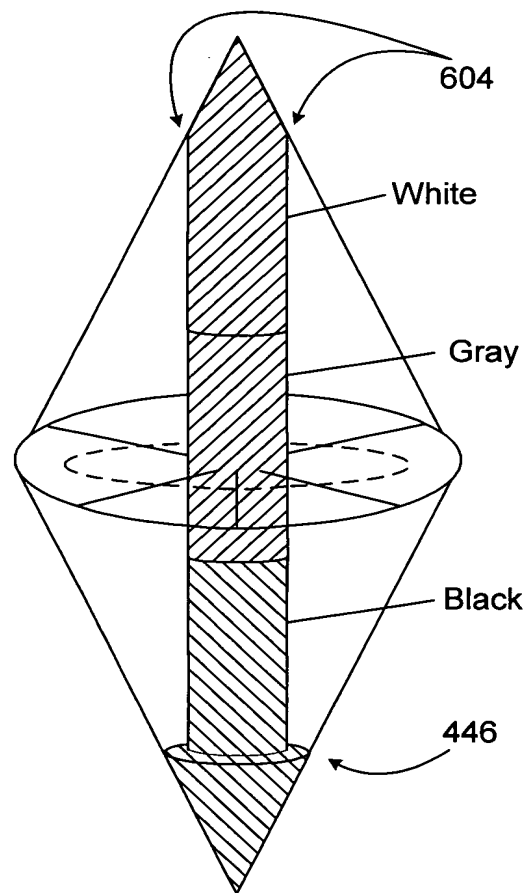


FIG. 8B

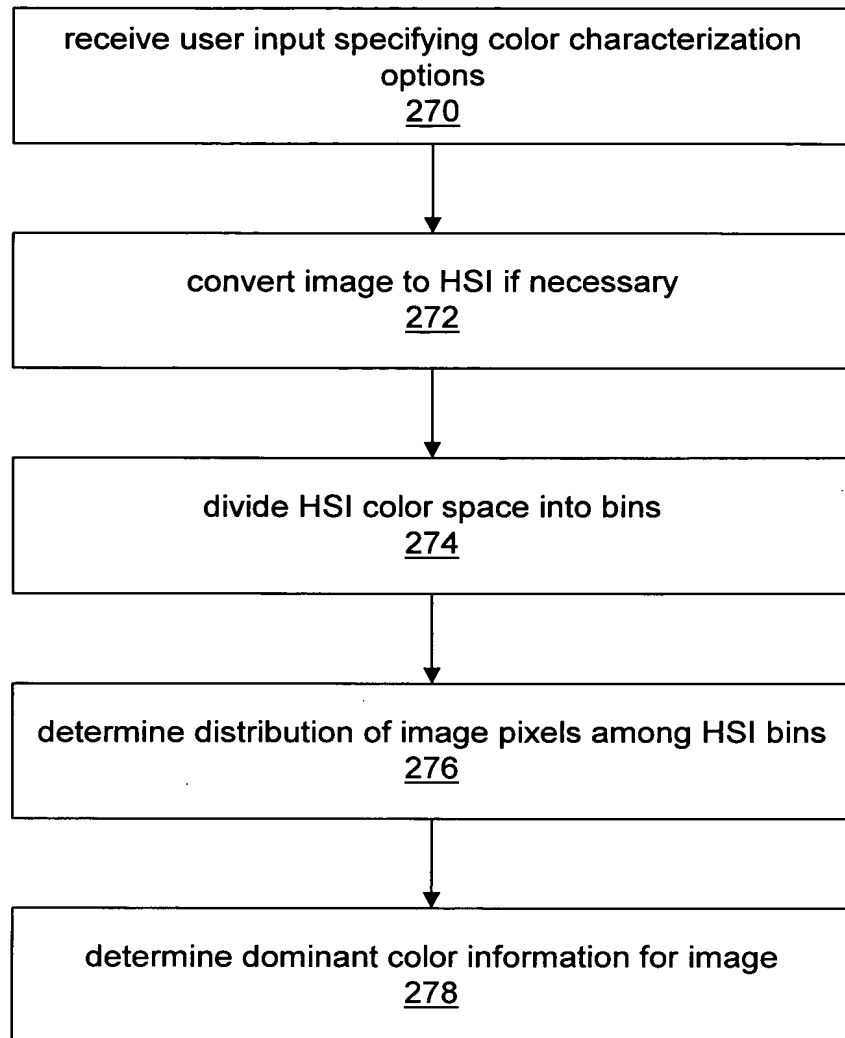


FIG. 9

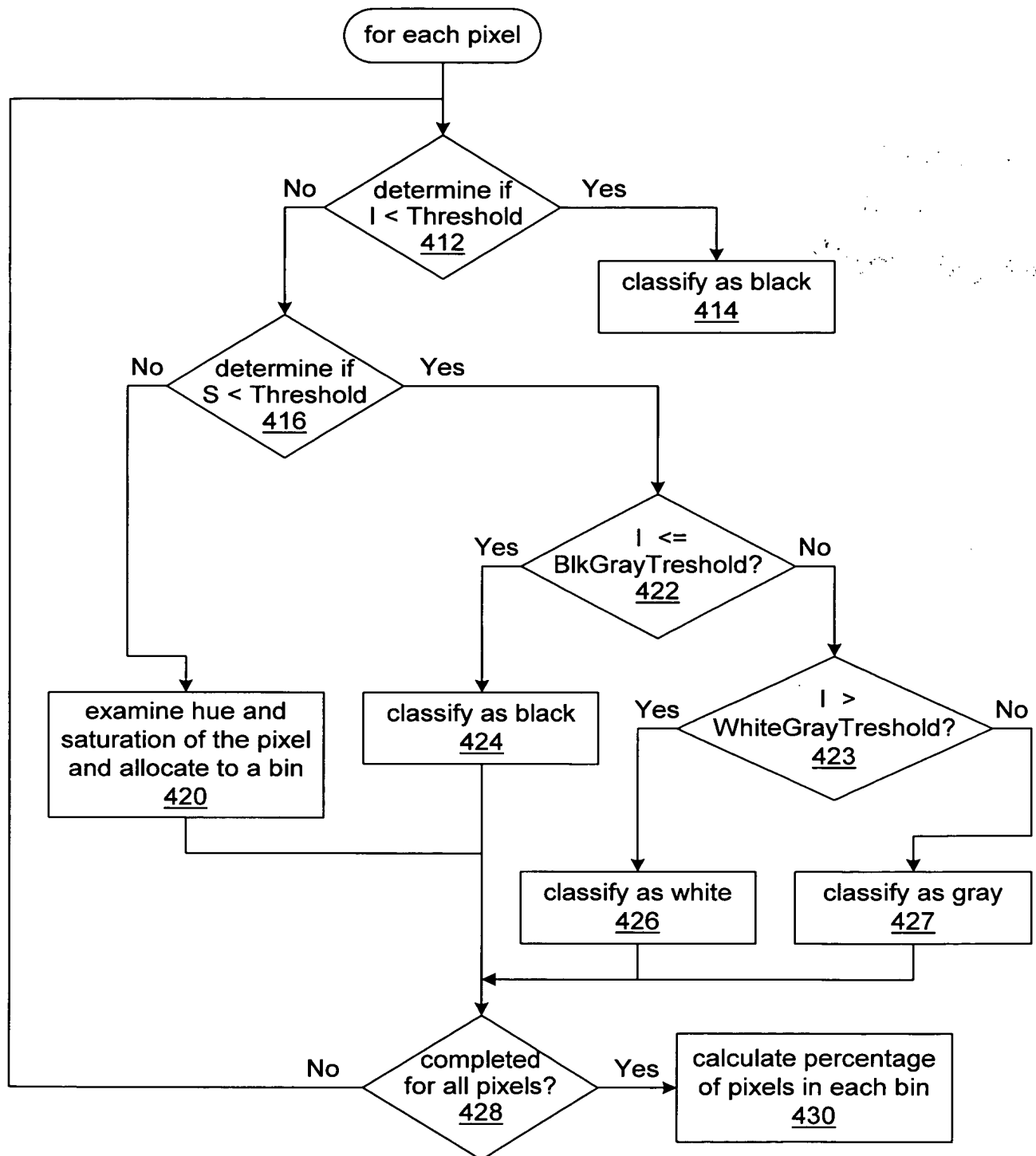


FIG. 10

10/26

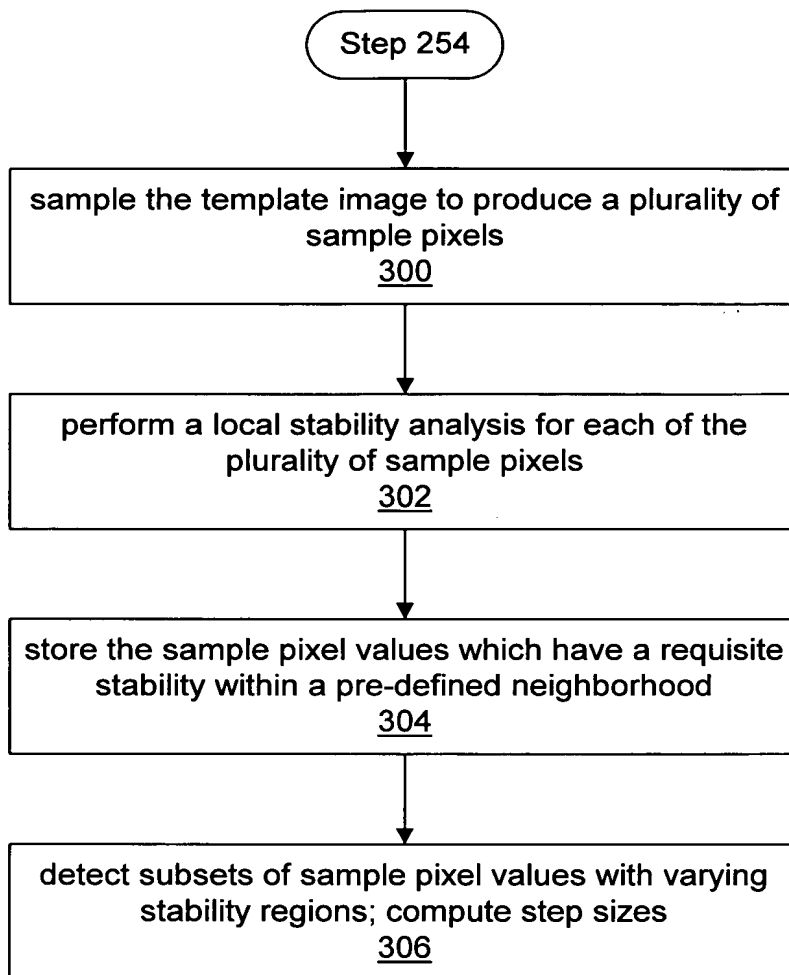


FIG. 11

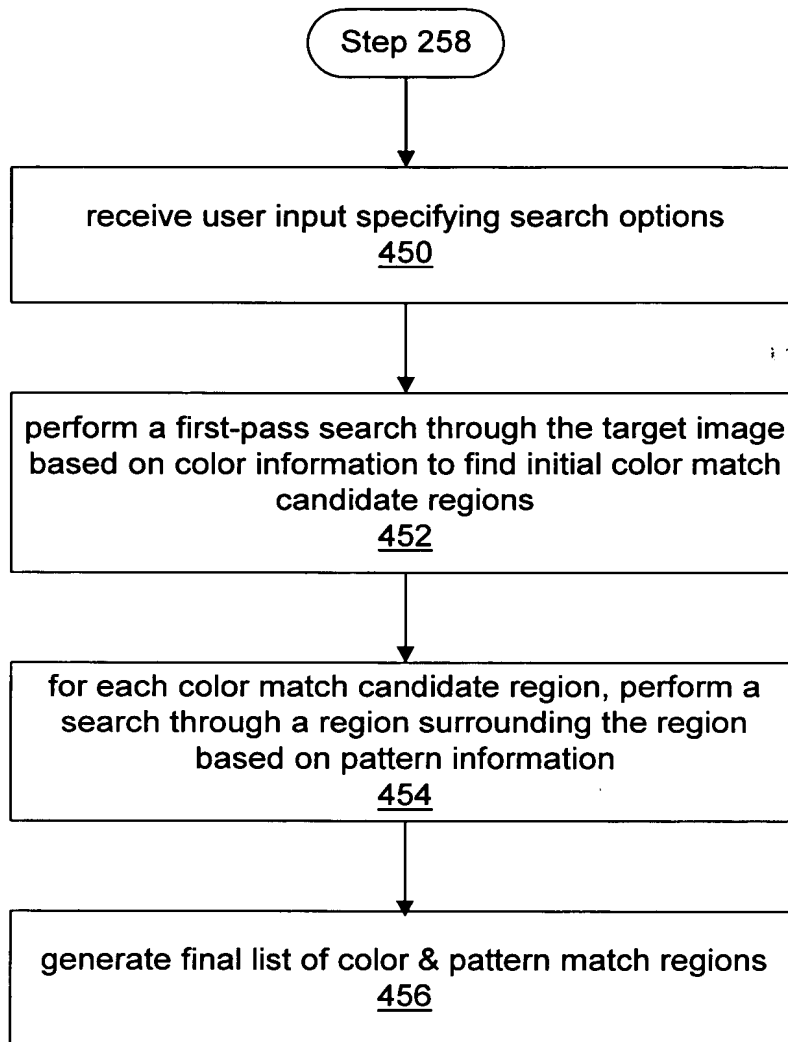


FIG. 12

9 x 9 Pixel Step Size

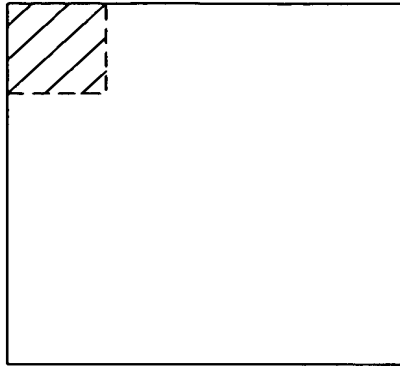


FIG. 13a

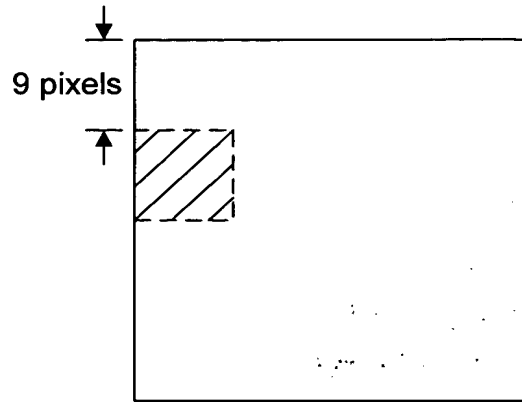


FIG. 13b

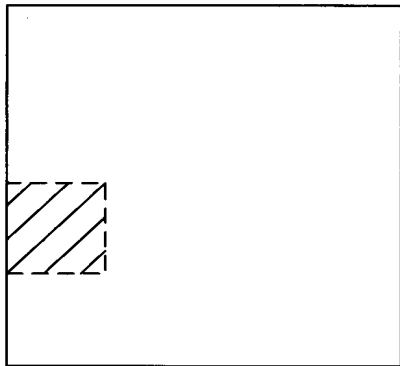


FIG. 13c

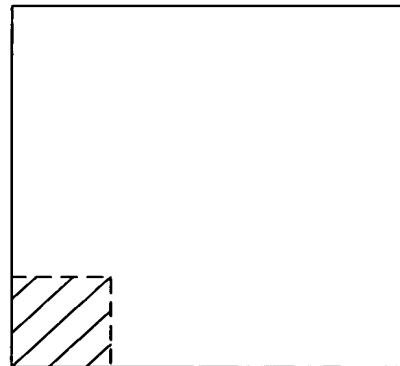


FIG. 13d

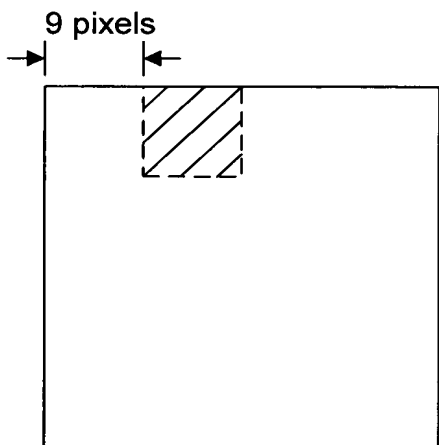


FIG. 13e

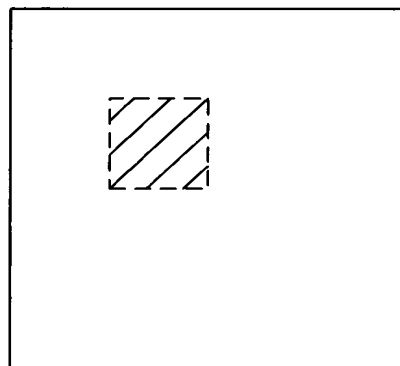


FIG. 13f

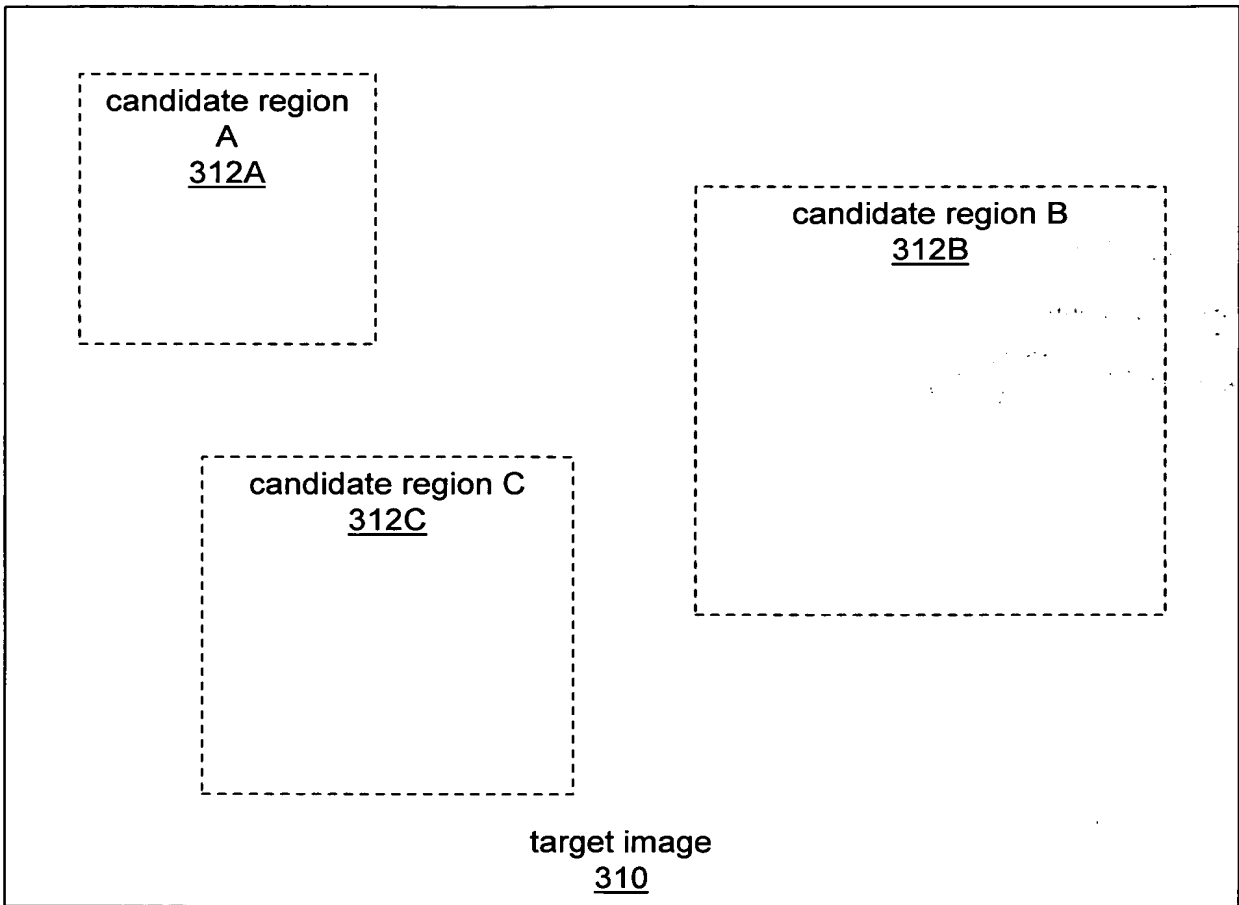


FIG. 14

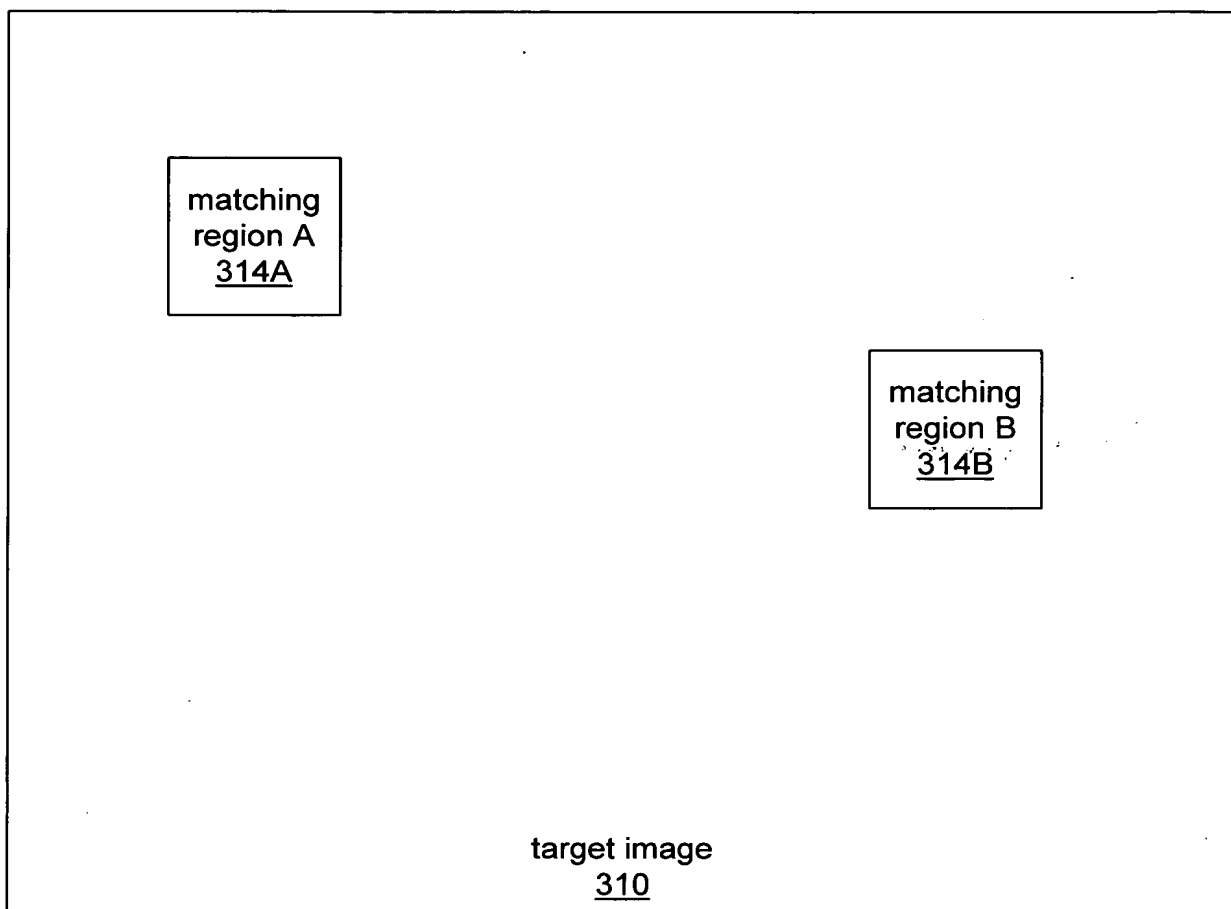


FIG. 15

15/26

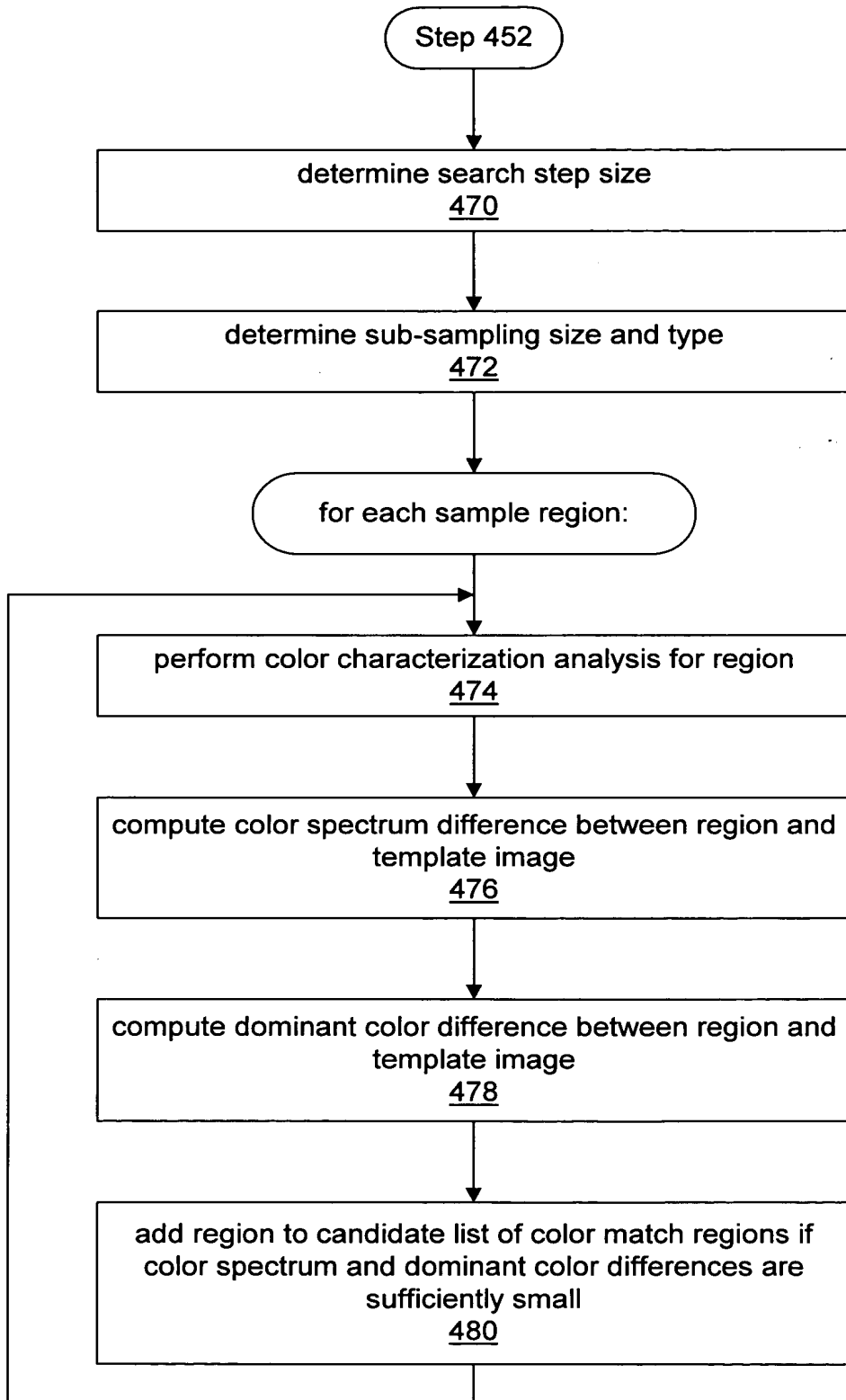


FIG. 16

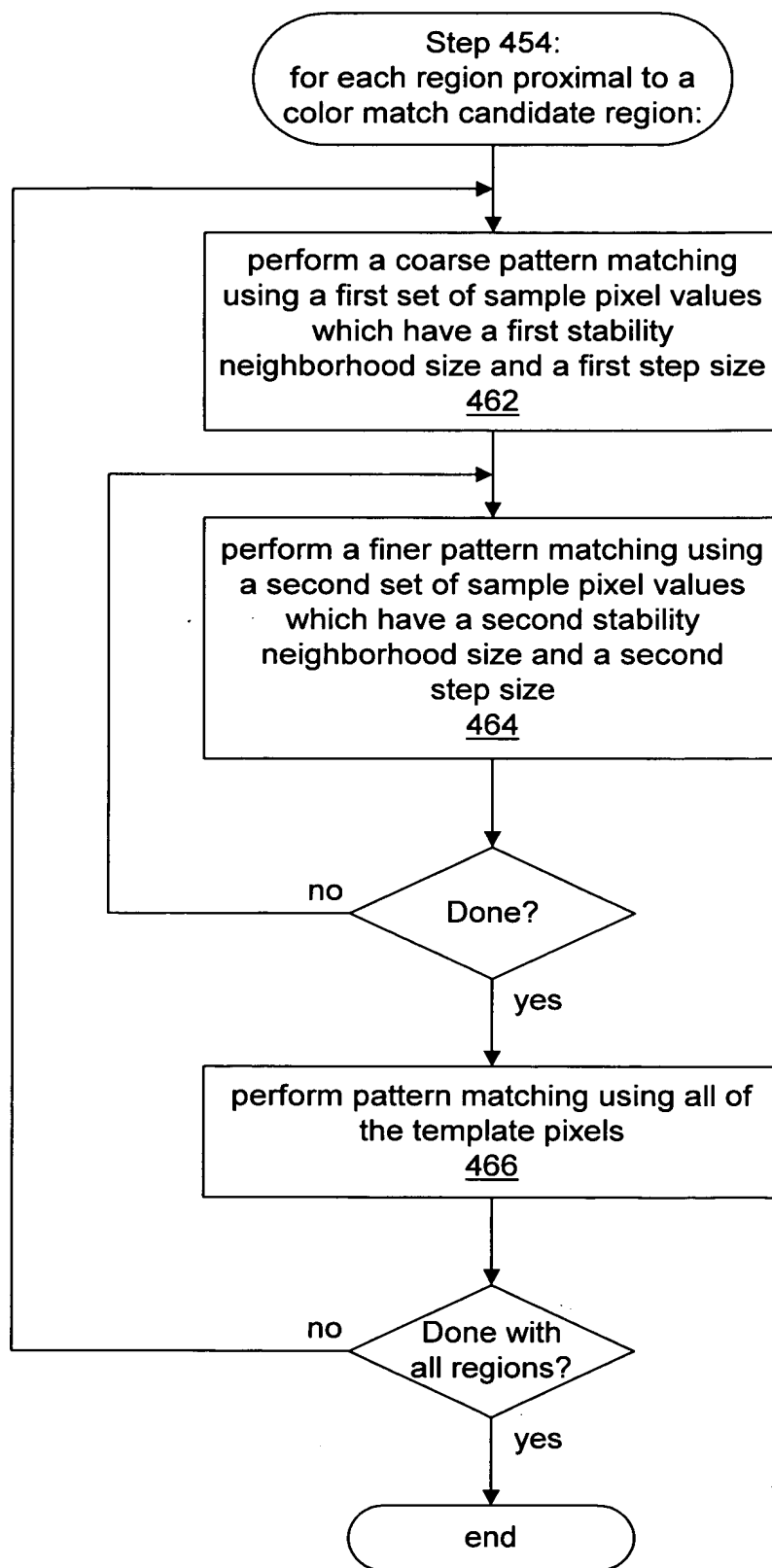


FIG. 17

5 x 5 Pixel Step Size

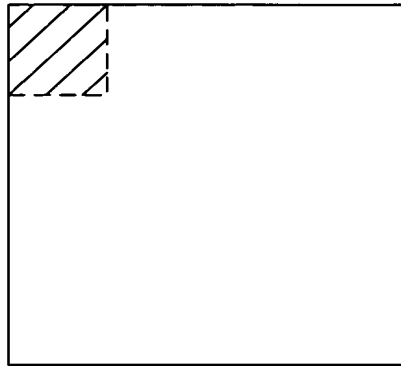


FIG. 18a

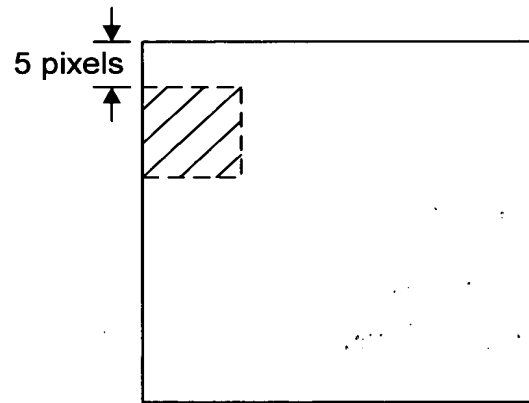


FIG. 18b

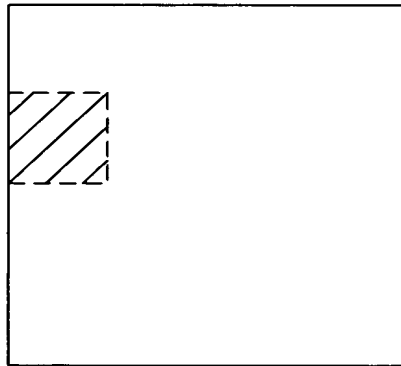


FIG. 18c

...

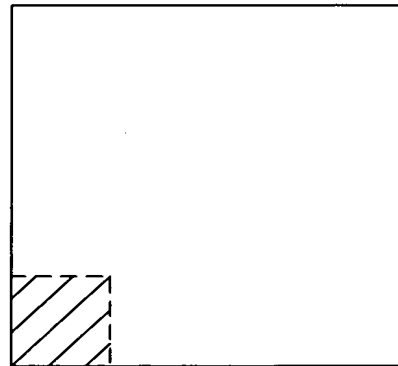


FIG. 18d

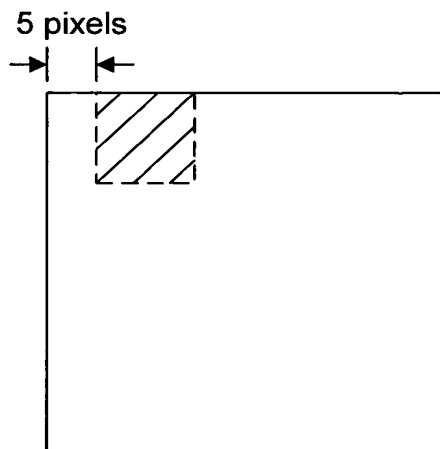


FIG. 18e

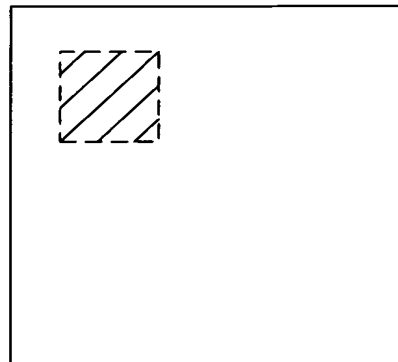


FIG. 18f

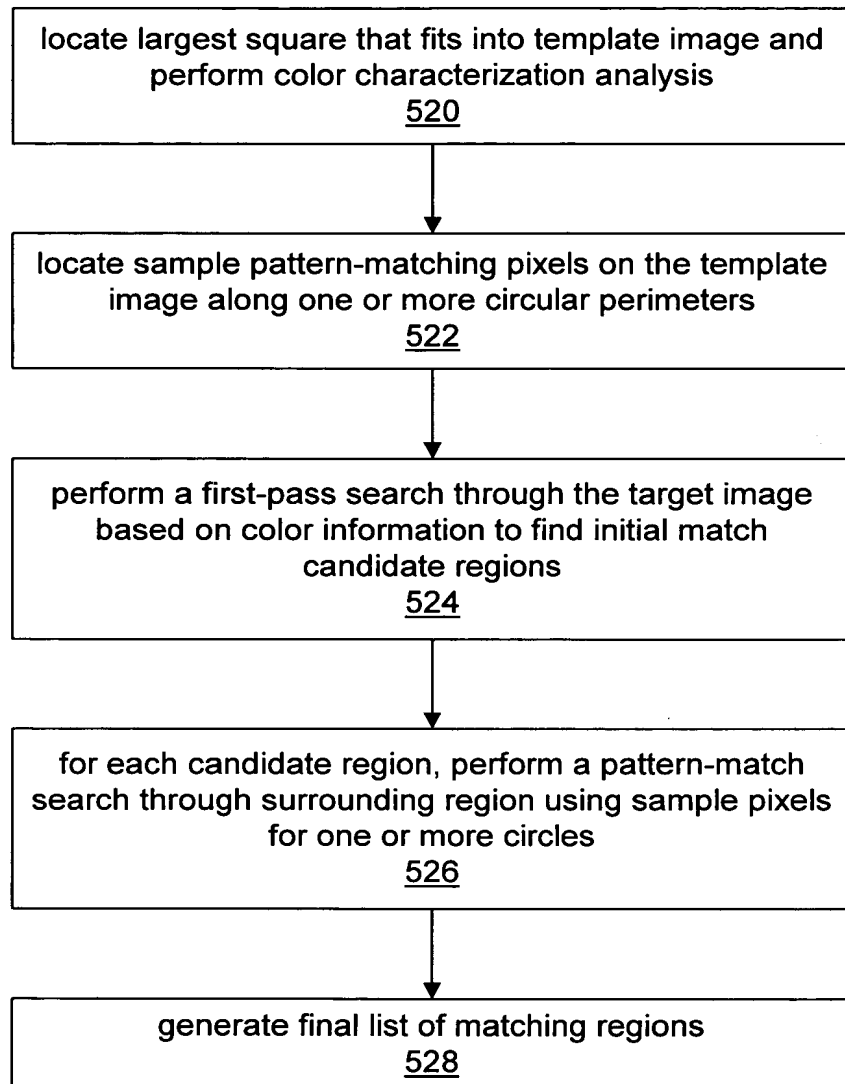


FIG. 19

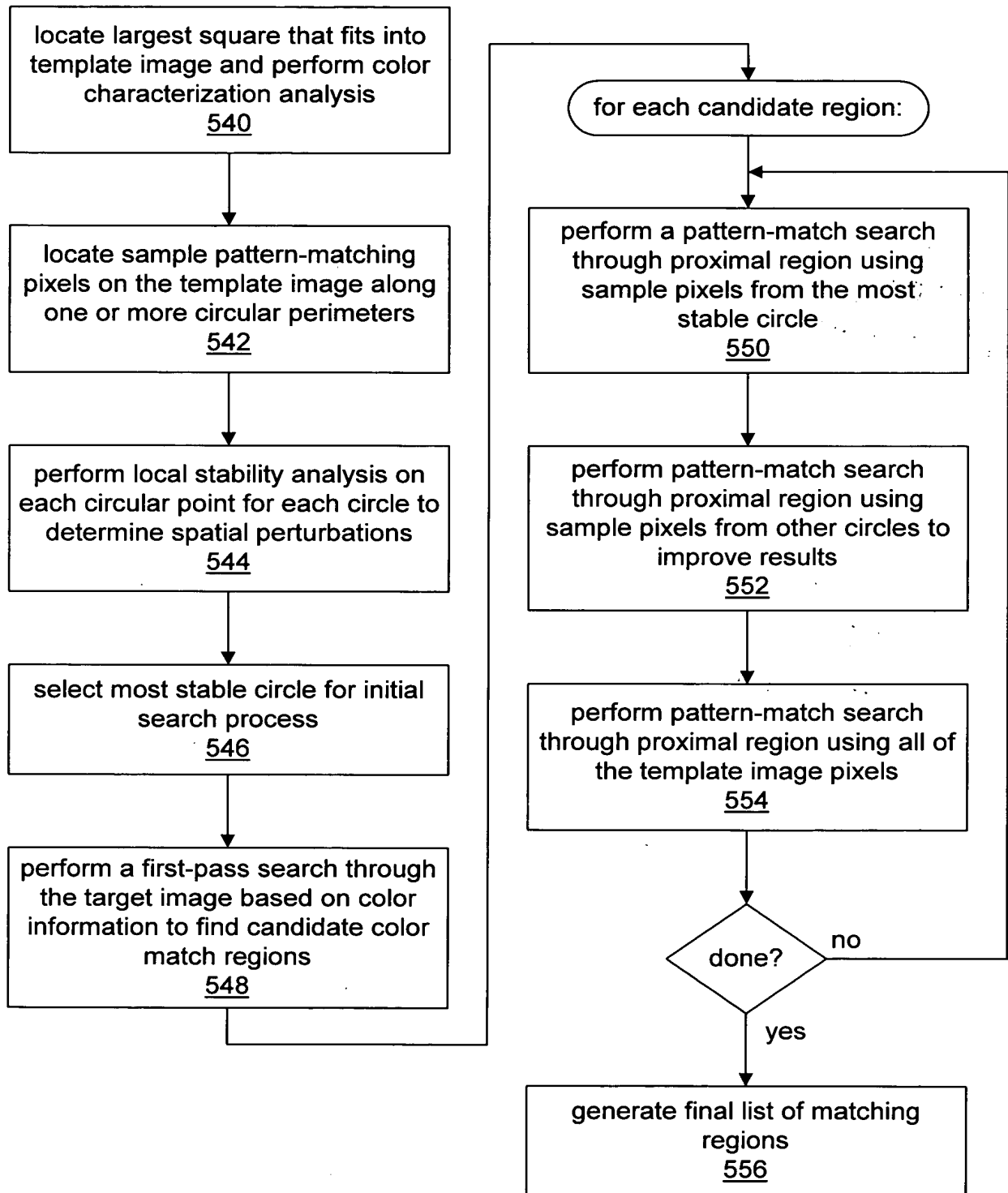


FIG. 20

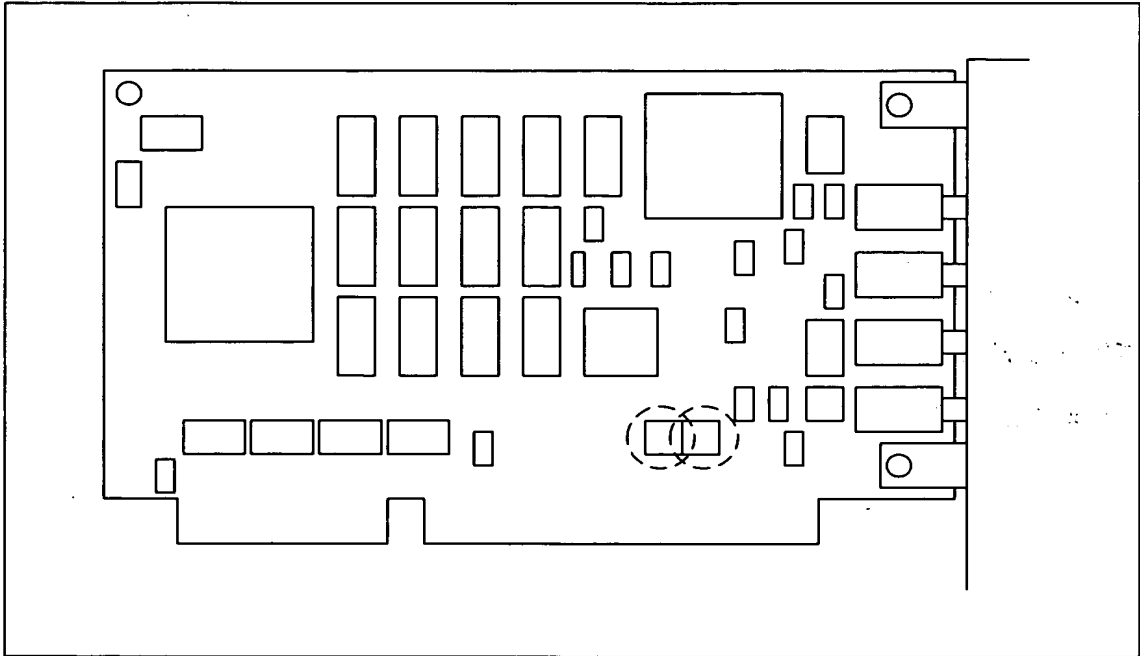


FIG. 21A

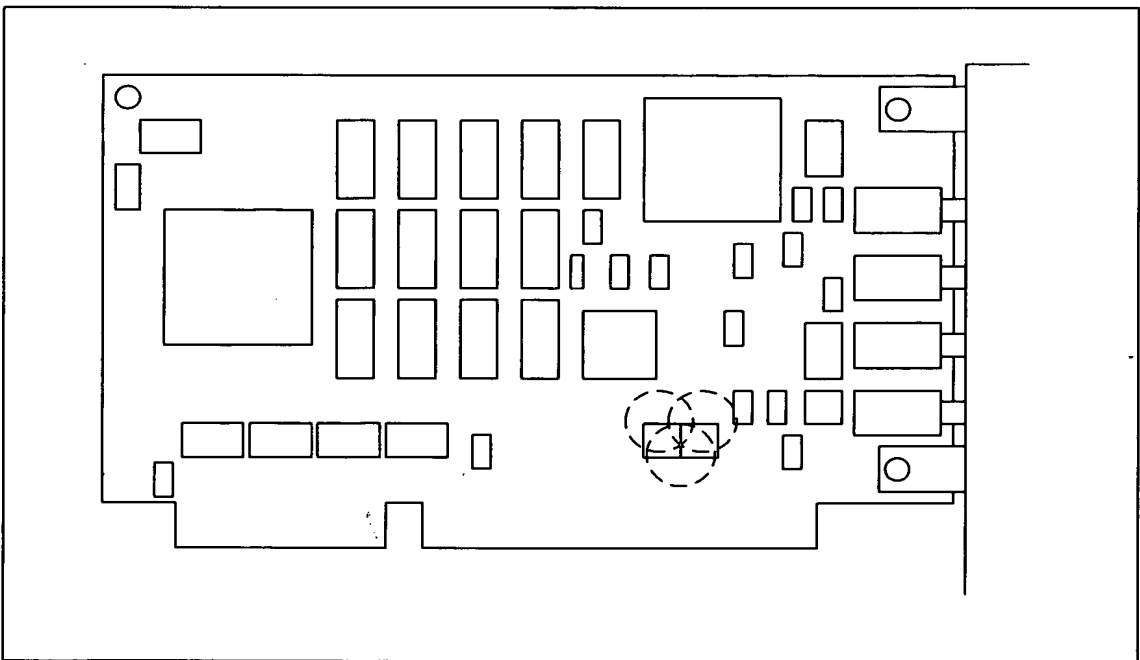


FIG. 21B

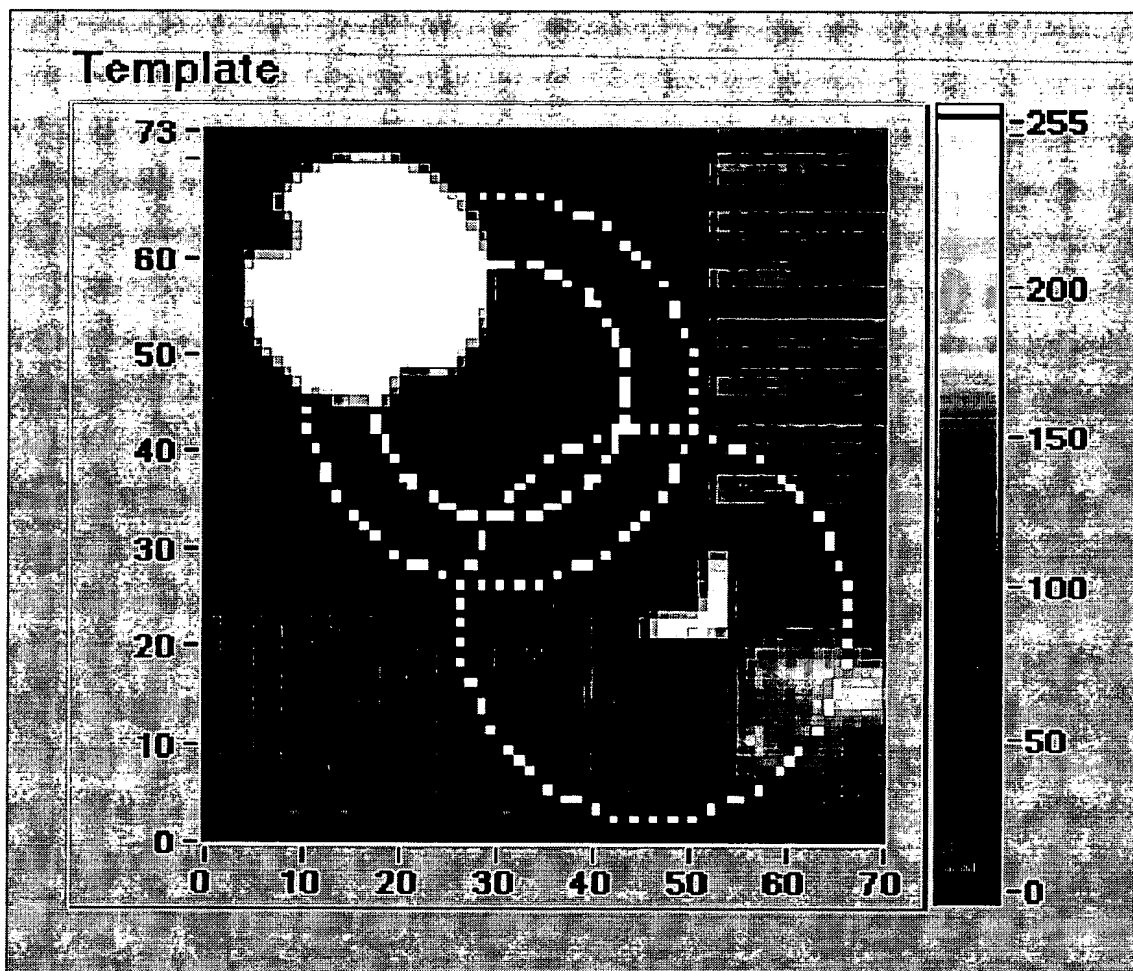


FIG. 22

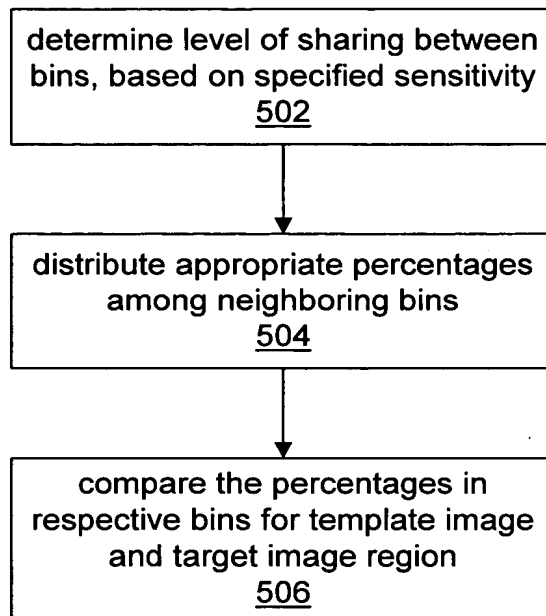


FIG. 23

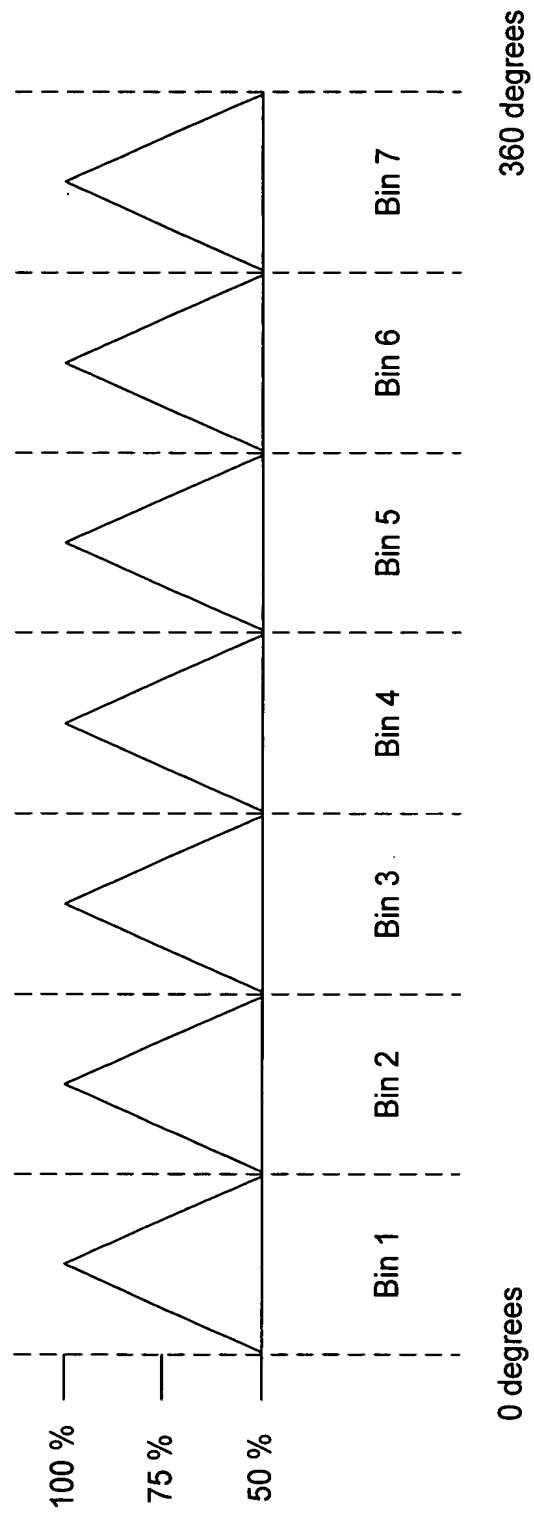


FIG. 24

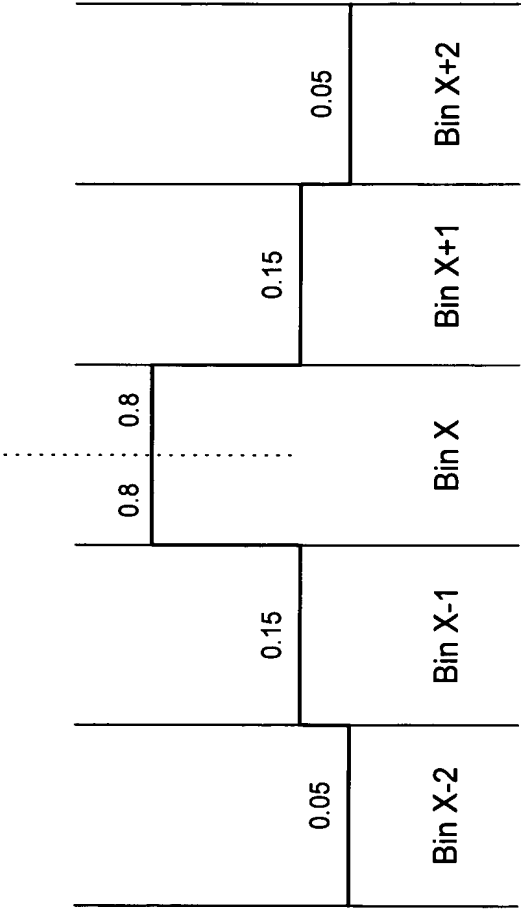


FIG. 25

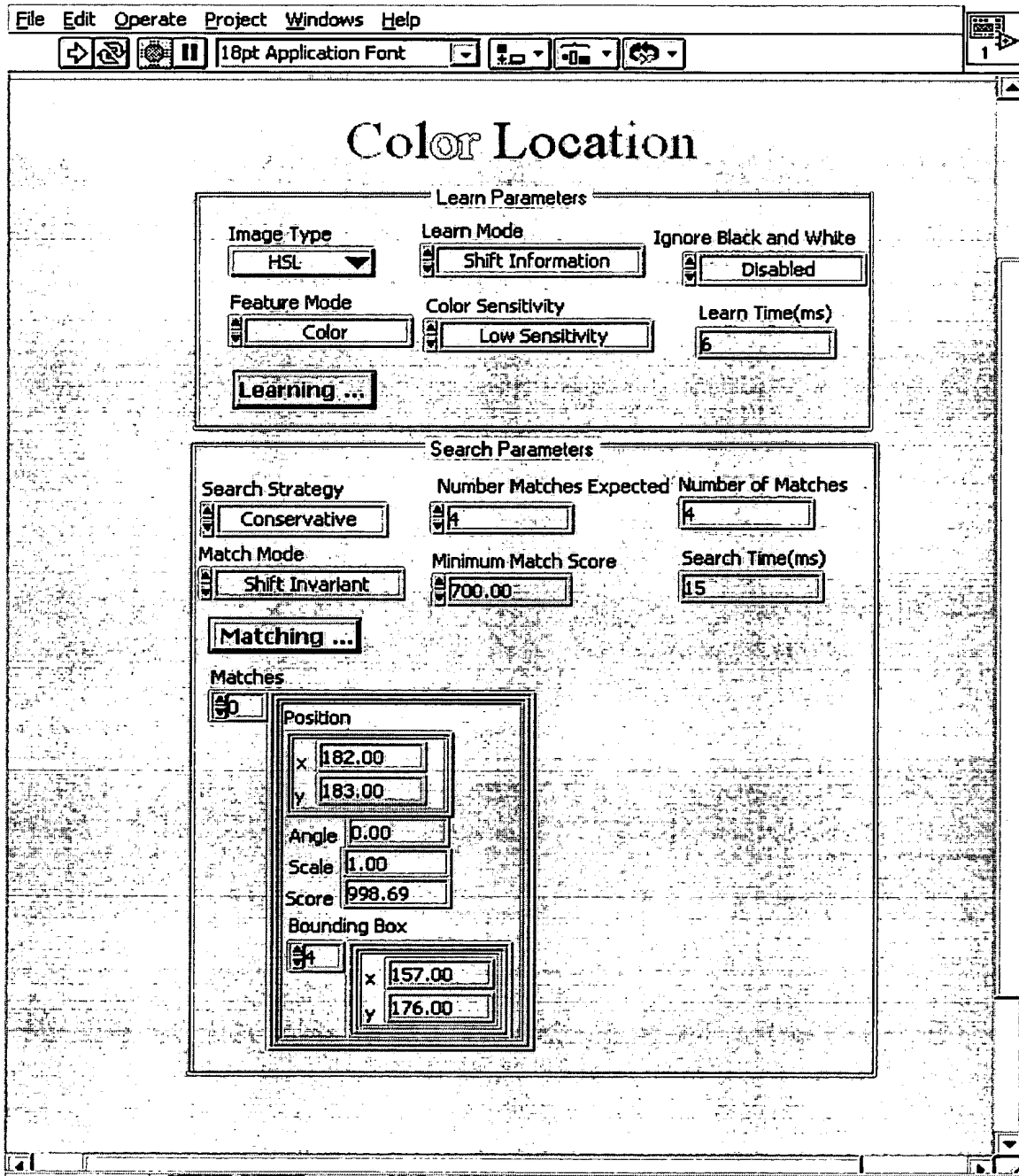


FIG. 26

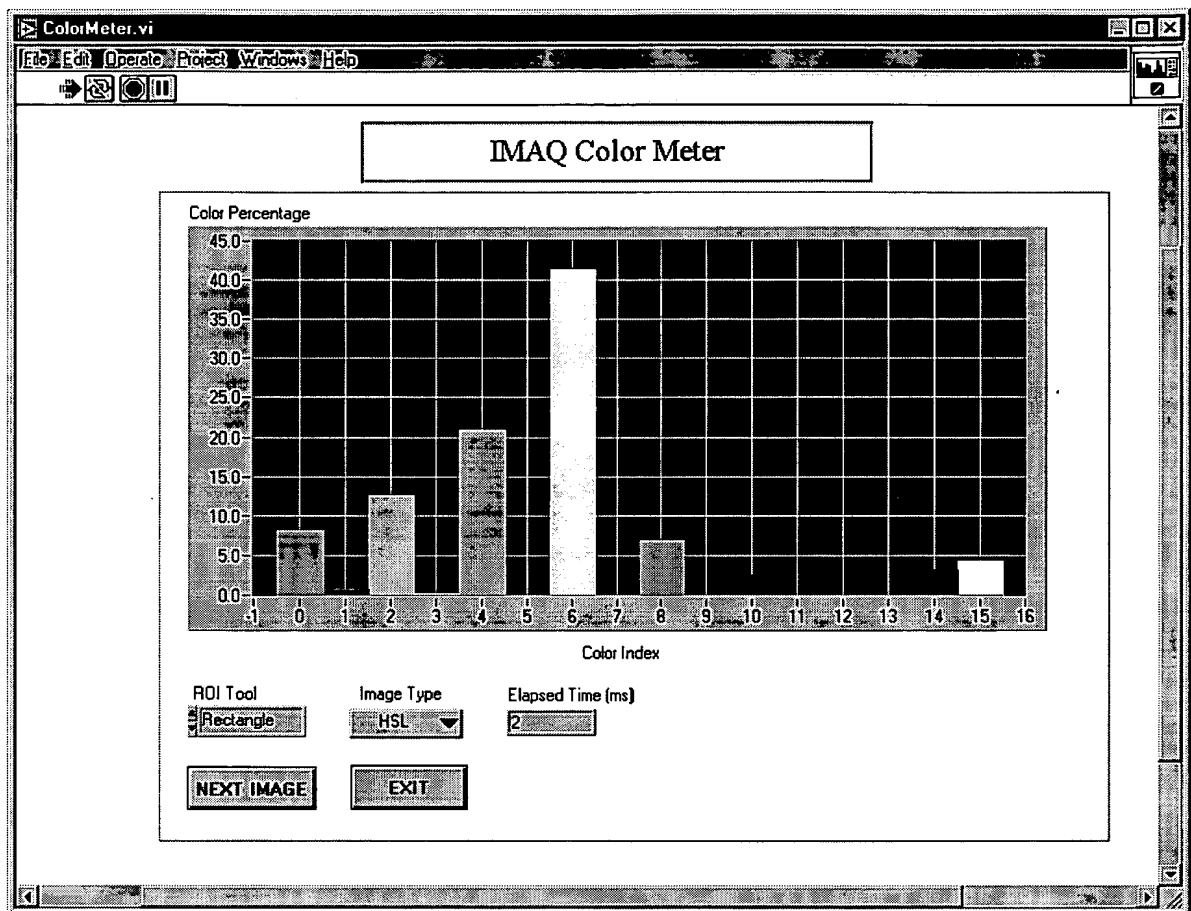


FIG. 27